

MULTI-PLANE ACQUISITION IN DIGITAL X-RAY RADIOGRAPHY

Abstract of Disclosure

A method is provided for acquiring digital x-ray images. Scan parameters designating slices of interest from a patient anatomy are identified. The travel distance and the speed of the x-ray tube and the detector are determined from the scan parameters. The patient is scanned in a first direction to obtain a first x-ray image utilizing a servo-tomo function based on the scan parameters. The image is saved in an image storage device and is displayed. The patient is scanned in a second direction to obtain a second x-ray image utilizing the servo-tomo function based on the scan parameters. The image is saved and displayed simultaneously with the first image in a multi-image format. After each scan, the operator may modify the scan parameters designating a slice of interest before initiating the next scan.

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Figures